

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Not for submission under 37 CFR 1.99)

Application Number	10532619
Filing Date	2005-04-25
First Named Inventor	Ernest C. Chen
Art Unit	2611
Examiner Name	BAYARD, Emmanuel
Attorney Docket Number	PD201014

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).


**OR**

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☒ See attached certification statement.
- ☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	2008-06-26
Name/Print	Todd N. Snyder	Registration Number	41,320

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest Chen

Attorney Docket No. PD-201014

Serial No.: 10/532,619

Customer No. 020991

Filing Date: 04/25/2005

Group Art Unit: 2611

For: MAXIMIZING POWER AND SPECTRAL  
EFFICIENCIES FOR LAYERED AND  
CONVENTIONAL MODULATIONS

Examiner: BAYARD, Emmanuel

## CERTIFICATION STATEMENT

For Citation No. 1 under U.S. Patents  
and Citation Nos. 1, 2 and 7 under Non-Patent Literature DocumentsCertification under 37 CFR §1.97(e)(2)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement (certification under 37 CFR §1.97(e)(2)).

For Citation Nos. 1 and 2 under Foreign Patent Documents  
and Citation Nos. 3-6 and 8 under Non-Patent Literature DocumentsCertification under 37 CFR §1.97(e)(1)

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in the counterpart foreign application of a related application not more than three months prior to the filing of the information disclosure statement (certification under 37 CFR §1.97(e)(1)).

Respectfully submitted,

By: 

Todd N. Snyder, Reg. No. 41,320

Date: June 26, 2008

The DIRECTV Group, Inc.  
CA/LA1/A109  
2230 E. Imperial Highway  
El Segundo, CA 90245  
Telephone No. 310-964-0560